

S-1200/64

A Method For the Synthesis of Graph-Diagrams of
Algorithms, by A. Sh. Blokh, G. S. Neverov.
(SF-3431)
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII, No 9,
1964, pp 4 pp.

*JPRS

Sci-Math
Nov 64

A Method for the Synthesis of Graph-Diagrams of
Algorithms, by A. Sh. Blokh, G. S. Neverov, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk BSSR, Vol VIII,
No 9, Sept 1964, pp 568-571.
JPRS 27,805

Sci-Math & Data Processing
Feb 65

272,872

Zinc in the Blood of Children and Adolescents at Various
Stages of Physical Development, by T. L. Dubina, 5 pp.
RUSSIAN, per, Dok Ak Nauk Belorusskoy SSR, Vol VIII,
No 9, 1964, pp 604-606.
JPRS 28062

Sci - B & M
Feb 65

273,318

On the Analysis of Cylindrical Shells, by
V. B. Nemtsov, 6 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII, No 10,
1964, pp 627-631.
CIA/FDD X-5554

Sci - Phys
Mar 65
FOR OFFICIAL USE ONLY

275,690

Electrical Conductivity and Width of Forbidden
Zone of Solid Solutions of Semiconductor
Compounds of Indium Phosphide and Gallium
Arsenide, by N. N. Sirota, L. A. Makovetskaya, 5 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII, No 10,
1964, pp 632-633. TP6000471
FTD-TT-65-1999

Sci - Elec & Elect Engr
Dec 66

S-1514

DC-11227

(AP)

Cholesterol Exchange in Liver and Lungs During Ionizing
Radiation and Hypothyreosis, by M. A. Kil'chevskaya.
RUSSIAN, per, Dok Ak Nauk Belorussian SSR, Minsk,
Vol VIII, No 10, 1964, pp 675-676.

*JPRS 29367

Sci - Med

S-1514

DC -1/227 (AP)

The Problem of Permeability and Protection of the
Skin, by A. Ya. Prokopchuk, V. I. Filipchik, et al.
RUSSIAN, per, Dok Ak Nauk Belorussian SSR, Vol VIII,
No 10, Minsk, 1964, pp 680, 681.

AJPRS 1965

Sci - Med

P b 65

application of Variational Principles, the
Hamilton Principle in a Particular to the
Approximate Solution of Hyperbolic Differential
Equations, by V. I. Krylov, N. P. Kuda.
RUSSIAN, per, Dokl Ak Nauk BSSR, Vol VIII, No 11,
1964, pp 689-692.
NASA TT F-9296

Sci-Math
May 65

280,150

On the Theory of the Conversion of the
Frequency of Light Waves by a Crystal,
by B. V. Dokut¹, A. G. Khatkovich, 8 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol VIII,
No 11, 1964, pp 713-716. 9699113
FTD-TT-65-1073

Sci - Nucl Sci & Tech
Feb 66

294,727

The Phenomenon of Generation by a
Circular Cylinder and a Sphere, by
A. M. Goncharenko, B. A. Sotskiy.
RUSSIAN, per, Dokl Ak Nauk Belorussk SSR,
Vol VIII, No 12, 1964, pp 784-787.
Dept of Navy 4818/APL/JRU TG 230-T477
FJD-TT-65-1383 9pp Picc 27566

Sci - Biol & Med Sci
Oct 66

512,841

Representation of an Anisotropic Body in
Form of a Regular Bar Model, by M. A. Le-
vin.

RUSSIAN, per, Doklady AN BSSR, Vol 8, No
12, 1964, pp 772-775.

~~FTD-3-503~~

FTD Special 170-69

Apr 69

379,946

On the Theory of Scheduling, by V. S. Tanayev,
5 pp.

RUSSIAN, per, Doklady Akademii Nauk BSSR,
Vol 18, No 12, 1964, pp 792-794.
JPRS 29138

Sci-Math & Data Processing
Mar 65

276,624

Some Optimizing Functions Of Single-Stage
Production, by V. S. Tuzayev, 5 pp
RUSSIAN, per, Doklady Akademii Nauk BSSR, Vol IX,
No 1, 1965, pp 11-14.
JPRS 29898

USSR
Sci-Phys.
May 65

279,402

Electrical Conductivity and Thermal Electro-
motive Force of Manganese Selenide,
RUSSIAN, per. Dok Ak Nauk Belorussk SSR, Vol
IX, No 1, 1965, pp 15-17.
ATS RJ-4705

Sci-Elec
Jul 67

329,125

Calculation of a Laser Monopulse during
Instantaneous Switch-In of an Interferometer,
by A. M. Samson, V. A. Savva.

RUSSIAN, per, Dok Ak Nauk Belorussk SSR,
Vol IX, No 1, 1965, pp 22-26. *P922636467*
Dept of Navy 4817/APL/JHU TG 250-7473

FTD -77-65-2001

Sci - Phys
Oct 66

312840

Reproduction of the Phages of Bacillus Subtilis
in a Cell-less Bacterial Medium, by
P. A. Bulanov, et al.
RUSSIAN, per, Doklady AN BSSR, Vol 9, No 2, 1965,
pp 125-126.
*FTD-HT-23-1260-67

Sci/B&M
Sep 67

On a Differential Property of a Function of Two
Real Variables, by P. I. Shmidov.
RUSSIAN, per, Dok Ak Nauk Belorussk SSR, Vol IX,
No 3, 1965, pp 145, 146.
Dept of Navy Tr 4409/APL No T-1354

Sci - Math, Eng
Feb 66

295,429

Theory of a Circular Dielectric Resonator,
by A. M. Goncharenko, B. A. Sotskiy.
RUSSIAN, per, Dokl Ak Nauk Belorussk SSR,
Vol IX, No 4, 1965, pp 224-227.
Dept of Navy 4795/APL/JIU T-1823

Sci - Elec
Aug 66

305,638

The Condition of Phase Matching in Light-Wave
Frequency Conversion, by A. G. Khatkevich and
B. V. Bokut', 5 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 9, No 6,
1965, pp 357-359. P100326067
FTD-HT-67-31

Sci-Physics
Dec 67

344,446

Theory of a Circular Dielectric Resonator II,
by A. M. Goncharenko, B. A. Sotskiy.
RUSSIAN, per, Dokl Ak Nauk Belorussk SSR,
Vol IX, No 6, 1965, pp 360-363,
Dept of Navy 4794/APL/JHU TG-475

Sci - Engr
Aug 66

305,643

Distribution of Pumping Radiation Density
in a Trihedral Rod, by F. K. Rutkovskiy,
E. K. Guy'yanova.

RUSSIAN, per, Dokl Ak Nauk Belorussk SSR,
Vol IX, No 6, 1965, pp 364-366.

Dept of Navy 4801/APL/JHU TG 230-T476

Sci - Nucl Sci
Aug 66

305,644

Determination of the Loss Parameters of
a Ruby Quantum Generator, by B. I. Stepanov,
A. N. Rubinov.

RUSSIAN, per, Dokl Ak Nauk Belor SSR,
Vol IX, No 6, 1965, pp 367-371.
Dept of Navy 4791/APL/JHU TG 230-T468

Sci - Engr
Aug 66

305,640

The Radiation Power of Gas Quantum Generators
(Lasers) With Plane Mirrors as a Function
of The Mirror Misalignment Angle, by
B. I. Stepanov, A. P. Prishivalko.
RUSSIAN, per, Dokl Ak Nauk Belor SSR,
Vol IX, No 7, 1965, pp 432-434.
Dept of Navy 4793/APL/JHU TG 230-T474

Sci - Eng^r
Aug 66

305,642

Thermal Emf of the Solid Solutions of
Indium Phosphide and Gallium Arsenide.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol IX,
No 7, 1965, pp 435-437. *P100079368-Y*
•FTD-HT-66-771

N.N. Sirota author

Sci - Materials
Dec 66

NY-9906
2 September 1969

Symbolization in Building Structural Formulas of
Automatic Systems, by V.I. Obukhov, pp 458-459

Doklady Akademii Nauk: BSSR, Vol IX, No 7, Minsk, 1969

Russian

USBR/Sci/Misc-Cyber.

Include illus.

Special Type B-Translator's Draft plus 1

Comp.

A Theory for Rapid Determination of Reliability
Indices for Machine and Instrument Parts, by
V. N. Treyer, 4 pp.

RUSSIAN, per, AN SSSR. Doklady, Vol 9, No 8,
1965, pp 541-543. P100313667
FTD-HT-67-30

Sci-Mechanical, Industrial,
Civil and Marine Engr.
Dec 67

344,403

The Output Power and Duration of
Generation of a Ruby Optical Quantum
Generator as a Function of the Pumping,
by R. I. Gintoft, A. M. Sarzhevskiy.
RUSSIAN, per. Dokl Ak Nauk SSSR,
Vol IX, No 9, 1965, pp 576-580.
Dept of Navy ~~4820~~/APL/JHU TG 230-T479

4820/

CFSTI AD-635,889
Sci - Energy Conversion (Non-Propulsive)
Oct 66

312,843

3

Lifetimes of UV Fluorescence in the Excited
State in Aromatic Aminoacides, by L. F. Glad-
chenko, et al,
RUSSIAN, per, Dokl Akad Nauk BSSR, Vol IX, No
10, 1965, pp 647-650.
HEW-NIH-12-11-66

Sci-B&M
Jan 67

318,173

Time-dependence of the Absorption Coefficient
During the Interaction of Intense Short-period
Fluxes, by B. I. Stepanov, R. K. Lashitskaya.
RUSSIAN, per, Dok AN BSSR, Vol 9, No 10, 1965,
pp 651-653.
Dept of Navy APL/JHU T-2333

Sci-Phys
Dec 69

397,419

An Investigation of the Effect of Adjusting
Resonator Mirrors on the Emission Parameters,
by A. P. Prishivalko and Ye. K. Kopanik, 7 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 9, No 10,
1965, pp 654-658. P100325967
FTD-HT-67-28

Sci-Physics
Dec 67

344,447

Amplification of the Flux in an
Inhomogeneous Layer With Nonlinearity
Taken into Account, by
Yu. I. Chekalinskaya, E. P. Chechenina.
RUSSIAN, per, Dokl Ak Nauk SSSR,
Melorusk, Vol IX, No 10, 1965,
pp 659-663.
Dept of Navy Tr 4665/ APL/JHU No T-1686

Sci-
May 66

300,761

Optical Properties of a Light-Scattering
Layer with a Negative Absorption Coefficient,
by E. P. Zege.

RUSSIAN, per, Dok Ak Nauk Belorussk SSR,
Vol IX, No 10, 1965, pp 664-667.
Dept of Navy 4530/APL/JHU/1-1685

922039966

Sci - Phys
Mar 66

297,795

JPRS 250. 22057

22057
18 Oct 67

"Temperature Dependence of Recombination
Emission Intensity in Indium Phosphide n-p
Junctions"

RUSSIAN, per, Doklady Akad. Nauk BSSSR, Vol 9,
No 11, 1965, pp 720-721

by N.N. Sirota, V.I. Osinskiy,

Time Development of a Thermal Explosion, by
E.I. Vitkin.

RUSSIAN, per, Doklady Akademii Nauk Belorusskoi
SSR, Vol 9, No 12, 1965, pp 749-757.

Dept of Navy tr 5105

APL/JHU T-1964

Sci/Physics
Feb 67

316,505

Preparation of the NH_4 and H Forms of Zeolites
and Study of Their Sorptive Properties, by
N. F. Ermolenko.

RUSSIAN, per, Dokl Akad Nauk Belorussk SSSR,
Vol 9, No 12, 1965, pp 807-812.

ATS RJ-5003

Sci-Phys
Feb 69

373,812

Free Amino Acid Content of Peaty-Boggy Soil With
Different Levels of Ground Water, by V. F. Kuprevich.
RUSSIAN, per, Dokl Akad Nauk Belorussk SSR, Vol 9,
No 12, 1965, pp 822-824.
ATS-RJ-5915

Apr 72

Effect of Lanthanum and Yttrium on the Recry-
stallization of Molybdenum, by V. P. Gol'tsev,
RUSSIAN, per, Doklady Akademii Nauk BSSR, Vol
IX, No 3, 1966, pp 196-198.

*FTD-HT-67-29

Sci-Phys
Jan 67

Determination of Thermophysical
Characteristics of Materials as Functions
of Temperature, by G. A. Surkov.
RUSSIAN, per, Dokl Ak Nauk BSSSR, Vol X,
No 1, 1966, pp22-25.
NASA TT F-10,187

Sci-Phys
Jul 66

306,5455

The Effect of Thermal Treatment on the
Photoelectric Properties of Silicon Having
Structural Modifications Due to Radiation,
by A. N. Sevchenko
RUSSIAN, per, Akademiya Nauk Beloruskoi SSR.
Doklady, Vol 10, No 3, 1966, pp 148-150
HTC 71-15165-20F

10, 378

mar 72

The Effect of Lanthanum and Yttrium on the
Recrystallization of Molybdenum, by V. P.

Gol'tsev, 5 pp.

RUSSIAN, per, AN BSSR. Doklady, Vol 10, No 3,
1966, pp 196-198. P100313767

FTD-HT-67-29

Sci-Materials

Dec 67

344,404

Forbidden Transitions Induced in Atomic Systems
by Homogeneous and Inhomogeneous Electric Inter-
molecular Fields in an Plasma, by L. I. Grechikhin.

6 pp.

RUSSIAN, per, Doklady AN BSSR, Vol 10, No 4, 1966

pp 232-235.

AIR/FID/HT-23-1584-67

Sci/Physics
Feb 69

375,571

On Differential Properties of a Measurable Function of one Variable, by F. I. Shnidov.

RUSSIAN, per, Akad. Nauk Belorussk, SSR, Dokl.,
Vol 10, No 6, 1966, pp 369-370.

Dept of Navy Tr 5021

APL/JED T-1946

Sci/Mathematical Sci
Dec 66

314,655

JPRS C50: 22057

22057
18 Oct 67

"Photoelectric Properties of
Gallium Arsenide Containing Radiation Pertur-
bations of Structure", by A.M. Sevchenko,
RUSSIAN, per, Doklady Ak, Nauk BSSR, Vol 10,
No 6, 1966, pp 374-376.

Study of the Kinetics of Aging of Polybdenium-
Based Alloys, by V. P. Gol'tsev, 7 pp.
RUSSIAN, per, Akademi Nauk, Belorusskvi SSR.
Doklady, Vol 10, 1966, pp 385-387. F911041268
AEC-UCRL-Tr-10162

Sci-Stat
Apr 68

352,162

The Effect of Polysaccharide of Pullularia
Prototropha on Irradiated Ehrlich Tumour
Cells, by A. G. Lobanok, P. A. Bulanov.
RUSSIAN, per, Doklady AN BSSR, Vol 10,
No 6, 1966, pp 430-433.
NI Ref: 3630.48 (DTC-139)

Sci-B&M
May 69

380,706

Estimating the Spectral Width of Emission of
Solid-State Lasers Operating under Nonstation-
ary Conditions, by A. M. Samsch, 7 pp.
RUSSIAN, per, AM BSR. Doklady, Vol 10, No 8,
1966, pp 553-557.
AIR/FTD/HT-23-1074-67

Sci-Physics
Nov 68

366,266

JPRS CSD 22057

22057
18 Oct 67

"Thermal and Optical Quenching of Radiative
Recombination in Gallium Arsenide", by A.N.
Sevchenko,
RUSSIAN, per, Doklady Ak Nauk BSSR, Vol 10, No 9,
pp 641-643, (1965?)

Generation Losses of a Solid-State Optical
Quantum Generator, by V. I. Lebedev &

V. A. Filipovich, 5 pp.

RUSSIAN, per, AN BSSR. Doklady, Vol 10, No 9,
1966, pp 644-646.

P100122268-V

NTD-AT-23-579-57

Sci/Phys

Jul 68

360,097

Changes in the Kinetic Properties of the
Thermal Decomposition of KMnO_4 as a
Result of Co^{60} Radiation, by
V. A. Protashchik, B. V. Yerofeyev.
RUSSIAN, per, Dokl Akad Nauk BSSR, Vol X,
No 9, 1966, pp 658-661.
NASA TT F-~~107423~~ 4-81

Sci-Phys
Mar 67

320,330

A Method of Investigating the Distribution of
Plastic Deformation During Dynamic Loading,
by V. P. Severdenko and R. L. Ryzhkovich, 3 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 10, No 11,
1966, pp 847-848.
AIR/FTD/HT-23-1098-67

Sci-Physics
Nov 68

366,305

The Excitation of a Generator-amplifier System,
by Ye. P. Chechenina, I. R. Katsava. 7 pp.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol 10, No 12,
1966, pp 929-932.
AIR/FTD/HT-23-80-69

Sci-Phys
Nov 69

395,903

Duration of the Excited State of Phosphorescence
of the Protein Tryptophane in Solution and in the
Cell, by E. Chernitskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 11, No 1, 1967,
pp 53-60.

CSIRO/9150

Vol 17, No 3, 1969

July 69

385-151

Emission Bandwidth of Ruby Lasers, by
A. M. Sarzhevskiy and M. I. Khomich, 3 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 11,
No 2, 1967, pp 112-114.
P100252568
FTD-HT-23-1056-67

Sci-Physics
Oct 68

366,125

Temperature Dependence of
Rolling of B3 Copper, by V. P.
M. I. Barsegyan. 4 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 4,
1967, pp 327-329.
AIR/FTD/AT-24-465-68

sci/mechanical engr
nov 69

397,251

Solanine Content in the Most Important and New Potato
Varieties in the BSSR, by A. S. Vecher.
RUSSIAN, per, Dokl Akad Nauk Baloruss, SSR., Vol 11, No 4,
1967, pp 362-364.
*NTIS TT 72-51087

Aug 72

JPRS CS 22057

22057
18 Oct 67

"Effect of Uniaxial Compression on
Recombination Emission of Indium Phosphide n-p
Junctions", by N.N. Sirota, G.G. Shiyenok,
RUSSIAN, per, Doklady Ak Nauk BSSR, Vol 11, No 5,
1967 , pp 405-406.

Temperature Dependence of the Frequency of Ruby
Laser Emission With a Phthalocyanin Shutter, by
V. A. Ivanov, V. I. Lebedev, et al. 5 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 11, No 7, 1968¹⁹⁶⁷
pp 590-592.
AIR/FID/IT-23-475-69

sci/physics
feb 70

402,780

V. N. Abrashin

Convergence and Mean Square Error Estimation
in Solution of Particular Boundary-Value
Problems for Elliptics Equations by the Straight-
Line Method.

RUSSIAN, per, Akademiya Nauk Belorusskoi SSR.

Doklady, Vol 11, No 8, 1967, pp 670-672

NTC 72-12798-12A

MASAT F 11,452

sept 72

Convergence Conditions and Estimation of Error
in an Approximate Inversion of a Laplace Trans-
form With the Aid of a Fourier Series, by
V. I. Krylov, N. S. Skoblya. 6 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 11, No 9, 1967
pp 763-766.
AIR/FID/IN-23-328-68

sci/mathematic
oct 69

395,382

A Generalization of the Law of Thermal Conductivity,
by B. M. Barkovskii.

RUSSIAN, per, AN BSSR, Doklady, Vol 11, No 9,
1967, pp 793-794.

Dept of Navy/APL/JHU T-2106

Sci/Phys
Mar 68

350,998

Problems in Discrete Extrapolation, by
A. Sh. Blokh.
RUSSIAN, per, AN BSSR, Doklady, Vol 11, No 10,
1967, pp 878-879.
*FTD-HT-23-946-68

Sci/Misc.
Nov 68

Strain Sensitivity in Indium Antimonide Films,
by N. N. Sirota, Ye. I. Bolvancovich. 6 pp.
RUSSIAN, per, Doklady AN BSSR., Vol 11, No 10,
1967, pp 891-892.
AIR/PTD/IT-23-716-68

sci/ physics
nov 69

397,000
-396,

Necessary and Sufficient Conditions of
Continuability of Solutions of Differential
Equations, by A. A. Tushchenko.
RUSSIAN, per, An BSSR, Doklady, Vol 11,
No 11, 1967, pp 965-966.
Dept of Navy APL/JHU T-2193

Sci
Dec 68

368,661

The electrical breakdown of binary dielectric mixtures,
by I. G. Nekrashevich, I. A. Bakuto. 8 pp.

RUSSIAN, per, Doklady AN BSSR, Vol 11, No 11, 1967,
pp 987-990.

AIR/FTD-MT-24-784-71

apr 72

DOPLADY AKADEMII NAUK BELORUSSKOI SSR
 1965 V9 N12 P813-816
 1966 V10 N12 P929-932
 1967 V11 N4 P327-329
 1967 V11 N7 P590-592
 1967 V11 N9 P763-766
 1967 V11 N10 P891-892
 1968 V12 N4 P315-318
 1968 V12 N4 P330-333
 1968 V12 N5 P413-416
 1968 V12 N7 P602-605
 1968 V12 N9 P773-775
 1968 V12 N9 P781-785
 1968 V12 N10 P888-891
 1968 V12 N12 P1097-1099
 1969 V13 N6 P498-501

PP-88907 (*)
 9022.61(2597) (MLL)
 AD-693 942 (=)
 AD-695 328 (=)
 AD-700 625 (=)
 AD-693 525 (=)
 AD-694 844 (=)
 AD-696 308 (=)
 AD-696 30A (=)
 AD-695-923 (=)
 AD-693 420 (=)
 AD-698 116 (=)
 AD-698 11h (=)
 AD-697 894 (=)
 AD-697 918 (=)
 AD-700 358 (=)
 70-11941-20E (*)

Computation of the Output Power for a Simpler
Model of the Mixture CO_2 and N_2 , by B. I. Stepanov,
R. K. Lashitskaya. 8 pp.
RUSSIAN, per, Doklady AN BCSR, Vol 12, No 1,
1968, pp 13-17.
AIR/PTD/HQ-23-561-68

sci/physics
apr 69

379,982

I. N. Akhverdov

Variation of deformative properties of prestressed concrete. 6 pp.

RUSSIAN, Doklady AN BSSR, Vol 12, No 1, 1968, pp 27-30

AIR/FTD-MT-24-2033-71

sept 72

Use of Maraging Steels for the Surfacing
of Forging, by K. V. Gorev.
RUSSIAN, per, Dok AN BSSR, Vol 12, No 1,
1968, pp 43-46.
NLL Ref: 9022.4 (68/246)

Sci-Mat
May 69

380,795

The Electrical Breakdown and Strengthening of
Dielectrics, by I. G. Nekrashevich and
I. A. Bakuto. 8 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 12, No 2,
1968, pp 126-130.
AIR/FTD/MT-24-783-71

Dec 71

Effect of Elastic Deformation on the Thermoelec-
tromotive Force of Metals, by A. A. Lukhovich.

7 pp.

RUSSIAN, Doklady AN BSSR, Vol 12, No 4,
pp 315-318. 1968

AIR/FTD/HT-23-53-69

sci/physcis
dec 69

397,375

FTD (SUBER)

21-1-64

27-9-1-

Request for class:

Theoretical investigation of heat exchange in plane-parallel duct under conditions of forced flow of a heat-releasing fluid

Tsey, P.V., Nuriddinov, Sh.

Russ per: Doklady, AN BSSR, v. 12, no. 4, 1968, 219-223

*In process as**HT-23-102-69**23.12.69*

Kinematic Method of Investigating Contact Friction
During Plastic Deformation, by V. P. Severtenko,

Ye. M. Makushok, et al. 6 pp.

RUSSIAN, per, Doklady AN BSSR, Vol 12, No 4,
1968, pp 330-333.

AIR/PTD/MT-23-53-69

sci/ physics

dec 69

397,376

Artificial Soils Based on Ion-Exchange Materials, by V. S. Soldatov. 8 pp.
RUSSIAN, per, Dokl. Akad. Nauk BSSR, Vol 12,
No 4, 1968, pp 357-359.
NASA TT-F-13543

July 71

The Erosion of Metals by a Pulsed Plasma Stream,
by V. A. Korozov, L. I. Kiselevskiy. 5 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 5, 1968,
1968, pp 413-416.
AIR/ETD/ET-24-68-69

scu/materials
nov 69

397,131

Recognition of Self-Luminous Objects With
Pencil-Beam Brightness in a Scattering Medium,
by A. Ya. Khayrullina, A. P. Ivanov. 5 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 6,
1968, pp 503-505.
AIR/PTD/INT-23-1480-68

sci/ navigation detection
sept 69

393,006

Lasers on Solutions of Organic Dyes With Pulse
Lamp Excitation, by A. N. Rubinov,
V. A. Mostovnikov. 7 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 7,
1968, pp 602-605.
AIR/FTD/MP-24-118-69

sci/ physics
oct 69

394,156

Calculation of Internal Reflections During
Analysis of the Properties of a Laser With a
Bleachable Filter, by A. N. Samson. 6 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 9,
1968, pp 773-775.
AIR/PTD/RT-23-477-69

sci/physics
jan 70

398,739

Experimental Determination of Energy Parameters
of a Ruby Generator, by A. N. Rubinov,
T. I. Smol'skaya. 9 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 9,
1968, pp 781-785.
AIR/FTD/RT-23-477-69

sci/physics
gan 70

398,740

Problems of the Distribution of Production, by
V. A. Vemalichev, V. I. Komlik, 6 pp.
RUSSIAN, per. Doklady Akademii Nauk BSSR, Minsk,
Vol 12, No 10, 1968, pp 869-873.
JPRS 47763

Sci-Cybernetics
Apr 69

379,221

Request translation check 5-8-32 BT69-11-795T

On the influence of spatial coherence of the primary
radiation on the intensity of the harmonic

B A Sotskiy

Doklady AN BSSR, v 12, nr 10, 1968, 888-891

In process

HT-23-476-69

*repeated
Hauger*

Electron Microscopic Investigation of Thin
Metal-Polymer Coatings and Films, by
A. M. Krasovskiy, V. A. Belyy. 5 pp.
RUSSIAN, per, Doklady AN BSSR, Vol 12, No 12,
1968, pp 1097-1099.
AII/FID/AII-23-428-69

sci/materials
jan 70

399,823

Effect of Spatial Coherence of Primary Emission
on Intensity of the Harmonic, by B. A. Sotskiy.

6 pp.

RUSSIAN, per. Doklady AN BSSR, Vol 12, No 19,
1968, pp 888-891.

AIIR/PHD/HT-23-476-69

sci/physics

4-11-70

2000-75-1

Uncl (UCRL-Trans-10519) USE OF THE SIMILARITY
THEORY FOR THERMAL DECOMPOSITION REACTIONS OF THE
TYPE $A/\text{sub s}/\text{yields } B/\text{sub s}/ + C/\text{sub g}/$. Pysyak, Ya. Trans-
lated for Univ. of California, Lawrence Radiation Lab., Livermore,
from Dokl. Akad. Nauk BSSR; 13: 348-51(1969). 7p.

chemistry (physical)

ND-4 P RC

Unlimited

The Thermal Regime of a Gas Laser, by
L. N. Orlov.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol 13,
No 6, 1969, pp 498-501.
Dept of Navy APL/JHU CIB-3 T-606

Sci-Nucl Sci
Jan 70

398,989

Some Problems of Cold Volumetric Stamping of Metals
in an Ultra-Sonic Field, by V. P. Severdenko,
V. V. Petrenko, 6 pp.

RUSSIAN, per, Doklady Akad Nauk BSSR, Vol. 13,
No 6, 1969, pp 519-522.

ARM/ISIC-Tr-956-69

Sci/Phy
Dec 69

398,084

REQUEST, TR CHECK

7-4-24

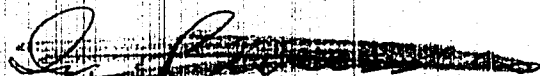
BR70-1-161

Rectifying properties of an antimony-antimony
selenide diffused junction

Koren, N.N., Sirota, N.N.

Russ: Dokl. Akad. Nauk Beloruss, 1969, vol 13,
no 7, 595-596

4 pp



Complete

AT-23-280->d

Negative
5/4/70

Viscosity of Nitrogen Tetroxide in Dense Gaseous State,
by B. G. Maksimov, 5 pp.
RUSSIAN, per, AN BSSR. Doklady, Vol 13, No 8, 1969,
pp 691-693
FTD-HT-23-1280-71

Aug 72

Cathodic Processes at the contact of a metal with a dielectric during electric discharges, by I. G. Nekrashevich, I. A. Bakuto. 7 pp. RUSSIAN, per. Doklady AN BSSR. Vol 13, No 11, 1969, pp 976-979.
AIR/FTD-MT-24-782-71

apr 72

Calculation of the Second Virial Coefficient of
Dissociating Gas, by P. M. Klepatskiy, et al.

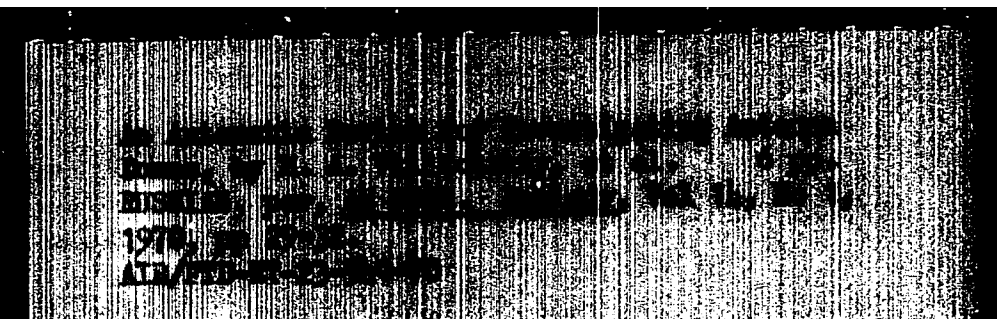
6 pp.

RUSSIAN, per, Dok AN BSSR, Vol 13, No,22,
pp 1073-1075.

NASA TT F-13,101

Sci-Phys

Oct 70



1700 (UCRL-Trans-10506) 5 RATE EQUATION FOR A THER-
MAL DECOMPOSITION REACTION OF THE A/sub (s)/ reversible
B/sub (s)/ + C/sub (g)/ TYPE OCCURRING IN THE DIFFUSION-
KINETIC REGION. 6 Pysiak, Ya. 10 Translated by A. M. A. Mincer
for Univ. of California, Lawrence Radiation Lab., Livermore, from
15 Dokl. Akad. Nauk BSSR; 14: 131-3 (1970). 20 7p. 24 Dep. CFSTI.

26 chemistry (physical); translations 27 07D

28 MN-4 29 P NSA

Trivial Nomenclature of α -Methylene Series
Compounds, by I. M. Kargin
RUSSIA, rep. Akademiya Nauk Belorusskoi SSR.
Doklady, Vol. 14, No. 5, 1970, pp 432-435.
NTC-71-15452-070

RUSSIAN, per, Arkhivnyi fond Belorusskoi SSR.
Doklady, Vol 14, No 5, 1970, pp 432-435.
NTC-71-15452-070

Feb 72

Nonlinear Heat Conduction Problem at
Boundary Conditions of the Fourth Kind,
by I. V. Travnitskaya,
RUSSIAN, per, Academiya Nauk Belorusskoi
SSR, Doklady, Vol. 14, No 9, 1970,
pp 808-811.
NTC 72-10896-20M
NASA TT F-13663 77p

May 72

Unsteady Thermal Conditions Resulting from
Radioactive Energy Transfer in a Dispersed
Medium, 5 pp.
RUSSIAN, per. Doklady Akademii Nauk BSSR,
Vol 14, No 10, 1970.
ACSI-K-0992
FSTC-HT-23-402-72

Jan 72

S. E. Maslova

*Stabilization of high-pressure polyethylene by new
antioxidants - products of the cycloalkylation of
Phenol and o-, m-, and p-Cresols and 1,2-Dihydronaph-
thalene. 5 pp.*

DOKLADY AN BSSR. Vol 14, Vol 15, No 4, 1971, pp 325-327
AIR/FTD-HT-23-1096-72

Jan 73

L. P. Ilyushenko

Electroprecipitating of Magnetic Layers With
Striped Domain Structure.

RUSSIAN, per, Akademiya Nauk Belorusskoi SSR,

Doklady, Vol 15, 1971, pp 585-586

NTG 72-13302-200

Oct 72

A. Leonov

Disturbances in Mn, Ni, Cr, Cu and Mo Exchange
Between Mother and Fetus in Late Pregnancy
Toxicoses.

RUSSIAN, per, Akademiya Nauk Beloruskoi SSR.

Doklady, Vol 15, No 7, 1971, pp 656-657

NTC 72-13131-06P

sept 72

An Experimental Study of the Role of the Non-stationary Character and Non-One-Dimensionality of the Zone of Component Transformation in the Combustion Process in Condensed Mixtures, by

S. S. Novikov, P. F. Pokhil, 8 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR.

Dept of Navy NIC Tr No 2631

P50023568-V

Sci-Phys

Oct 68

367,814

The Economic Geography of Siberia and the
Far East in its Present Stage, by V. A. Krotov,
9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Inst Geograf
Sibiri i Dal'nego Vostoka Irk, No 4, 1963,
pp 33-41.
AGS

FE
Geog
Jul 66

305,831